

**From:** Terry Smith/DC/USEPA/US  
**Sent:** 7/17/2012 3:01:57 PM  
**To:** Kelley Chase/R3/USEPA/US@EPA  
**CC:** Janine Dinan/DC/USEPA/US@EPA; Gilberto Irizarry/DC/USEPA/US@EPA  
**Subject:** Re: Dimock - Updated Isotech Data

Kelley:

Here is my response to the Isotech lab results you have provided. Janine is out today, and if she has further input, she can provide that tomorrow.

I have reviewed the data and have no critical comments on the results themselves. Everything seems to be accurate (given the amount of data I have), and are consistent throughout the data set, with the exception of the methane carbon 13 results for the sample from HW 24. There is only 3% methane in this sample, and I believe the carbon 13 result may be biased on the light end (C13 result = -53.8 0/00 compared to -32 0/00 on average for the other samples) due to the small concentration of methane in the sample.

Terry

**From:** Kelley Chase/R3/USEPA/US  
**To:** EOC Environmental Unit@EPA, Janine Dinan/DC/USEPA/US@EPA, Terry Smith/DC/USEPA/US@EPA, Scott Wesselkamper/CI/USEPA/US@EPA  
**Cc:** loven.Dawn@epamail.epa.gov, Robert Helverson/R3/USEPA/US@EPA, Lora Werner/R3/USEPA/US@EPA, Karl V Markiewicz <markiewicz.karl@epa.gov>, Victoria Binetti/R3/USEPA/US@EPA, KarenD Johnson/R3/USEPA/US@EPA, Cynthia Caporale/ESC/R3/USEPA/US@EPA, Robin Costas/ESC/R3/USEPA/US@EPA  
**Date:** 07/16/2012 03:40 PM  
**Subject:** Dimock - Updated Isotech Data

This is a follow-up to the e-mail I sent on July 11th. The Isotech reports sent previously were updated to include ethane isotopes where available. The updated reports are attached below for your information.

Copies of the updated reports will be provided to residents along with a cover letter to explain/define isotope analysis.

Please contact me via e-mail or on my cell (267-273-8859) with any questions.

Thanks - Kelley

[attachment "JOB17407.pdf" deleted by Terry Smith/DC/USEPA/US]  
----- Forwarded by Kelley Chase/R3/USEPA/US on 07/16/2012 03:14 PM -----

**From:** Kelley Chase/R3/USEPA/US  
**To:** EOC Environmental Unit@EPA, Janine Dinan/DC/USEPA/US@EPA, Terry Smith/DC/USEPA/US@EPA, Scott Wesselkamper/CI/USEPA/US@EPA  
**Cc:** Gilberto Irizarry/DC/USEPA/US@EPA, Dennis Carney/R3/USEPA/US@EPA, Gerald Heston/R3/USEPA/US@EPA, Richard Fetzner/R3/USEPA/US@EPA, Richard Rupert/R3/USEPA/US, loven.Dawn@epamail.epa.gov, Robert Helverson/R3/USEPA/US@EPA, Lora Werner/R3/USEPA/US@EPA, Karl V Markiewicz <markiewicz.karl@epa.gov>, Victoria Binetti/R3/USEPA/US@EPA, KarenD Johnson/R3/USEPA/US@EPA, Cynthia Caporale/ESC/R3/USEPA/US@EPA, Robin Costas/ESC/R3/USEPA/US@EPA  
**Date:** 07/11/2012 04:13 PM  
**Subject:** Dimock - Isotech Data

Attached, for your information, please find the Isotech Laboratories Inc. sampling results for samples collected from 12 residential wells from January - March 2012.

EPA expects to provide copies of the individual lab reports to residents along with a cover letter to explain/define isotope

analysis.

Please contact me via e-mail or on my cell (267-273-8859) with any questions.

Thanks - Kelley

[attachment "Week 1, Isotech Gas Isotope data with cover letter.pdf" deleted by Kelley Chase/R3/USEPA/US] [attachment "JOB17692.pdf" deleted by Kelley Chase/R3/USEPA/US]